



Missouri Renewable Resources Directory

Energy Center fact sheet

10/2003

This directory was compiled by the Missouri Department of Natural Resources' Energy Center. It is intended to be a source of renewable energy resources and a tool to stimulate the growth of renewable energy business and industry within Missouri.

Inclusion of a business, consultant or organization on this list is not an endorsement, sanction, or certification by the Missouri Department of Natural Resources or by the State of Missouri. Before purchasing from a vendor or hiring a consultant or firm, review their credentials and ask questions. Make certain their product or expertise is what you need for your particular project.

To update or add a listing to this directory, please contact the Missouri Department of Natural Resources' Energy Center using the contact information at the end of this list. The department may edit directory listings for length, content, and department style.

AGRICULTURAL BIOFUELS AND BIOMASS

NATIONAL BIODIESEL BOARD

3337A Emerald Lane

PO Box 104898

Jefferson City, Missouri 65110

Phone: (573) 635-3893

Fax: (573) 635-7913

E-mail: info@biodiesel.org

Description: The NBB is the national trade association representing the biodiesel industry as the coordinating body for research and development in the US.

NATIONAL ETHANOL VEHICLE COALITION

3118 Emerald Lane, Suite 100

Jefferson City, Missouri 65109

Phone: (573) 635-8445

Tollfree: 1-877-485-8595

Fax: (573) 635-5466

Contact: Phillip Lampert, Executive Director

E-mail: plampert@e85fuel.com

Web: www.e85fuel.com

Description: The National Ethanol Vehicle Coalition is the nation's primary advocate dedicated to the use of 85 percent ethanol as a form of alternative transportation fuel. Financial assistance for the NEVC comes from advocates of clean, renewable, domestic energy.



MISSOURI SOYBEAN ASSOCIATION

3337 Emerald Lane

Jefferson City, Missouri 65110

Phone: (573) 635-3819

Tollfree: 1-800-662-3261

Fax: (573) 635-5122

Contact: Dale R. Ludwig, Executive Director/CEO

E-mail: mosoy@mosoy.org

Description: The Missouri Soybean Association is a membership organization providing a collective voice in representing interests specific to the Missouri soybean producer through legislative advocacy, influencing public policy and communication/education to and for its members to increase profitability for Missouri soybean farmers. MSA supports efforts to increase the market for biodiesel, a cleaner-burning diesel fuel produced from soybeans.

MISSOURI CORN GROWERS ASSOCIATION

3118 Emerald Lane

Jefferson City, MO 65109

Phone: (573) 893-4181

Fax: (573) 893-4612

E-mail: mcga@mocorn.org

Contact: Gary Marshall, Executive Director

Description: The Missouri Corn Growers Association, is an organization of farmer-members dedicated to increasing the profitability of corn production by developing and expanding corn markets, collecting and distributing information, building coalitions with organizations and industries and participating in the governmental process. MCGA works on increasing the market for ethanol, a clean-burning fuel produced from corn.

EDUCATION

Classroom Curriculum Supplements

ENERGY FOR MISSOURI: TODAY AND TOMORROW

Missouri Department of Natural Resources

Outreach and Assistance Center

Environmental Education

PO Box 176

Jefferson City, MO 65102

Phone: 1-800-361-4827

Web: www.dnr.mo.gov/oac/index.html

Description: Energy curriculum, which includes 10 lesson plans that focus on Missouri energy issues. The curriculum meets the Show-me Standards.

SCHOOL ENERGY EFFICIENCY DEVELOPMENT (SEED)

Gateway Center for Resource Efficiency

3617 Grandel Square

St. Louis, MO 63108

Phone: (314) 577-0220

Fax: (314) 577-0298

E-mail: gateway.center@mobot.org

Web: www.mobot.org/gatewaycenter

Description: SEED is a unique, interactive year-long energy education program which educates and empowers students, teachers and school staff to take action on energy efficiency.

Solar Car Teams

TEAM SUNTIGER

University of Missouri – Columbia
Room 349 Engineering Building West
Columbia, MO 65211
Phone: (573) 882-1629
Contact: Richard Whelove, Ph.D.
E-mail: WheloveR@missouri.edu

UNIVERSITY OF MISSOURI ROLLA SOLAR CAR TEAM

University of Missouri - Rolla
109 Engineering Management
Rolla, MO 65409-0370
Phone: (573) 341-4249
Fax: (573) 341-4437
Contact: Doug Carroll, Ph.D.
E-mail: solar1@umr.edu
Web: <http://solar42.umr.edu>

Solar Decathlon Teams

UNIVERSITY OF MISSOURI-ROLLA (UMR)

Student Design Competition Center
1870 Miner Circle
Rolla, MO 65409
Contact: Mr. Bob Phelan
Phone: (573) 341-6794
Fax: (573) 341-6782
E-mail: bphelan@rollanet.org
Web: <http://web.umr.edu/~sunhome/#>

Description: The University of Missouri-Rolla team competed and finished ninth overall in the 2002 Solar Decathlon. Home Depot, one of the major sponsors, presented the UMR team with the “Best Customer Service” award, citing the team for “always offering a friendly face and easy-to-comprehend explanations of their house to the public.” The UMR team developed a 2002 Solar Decathlon presentation to educate teachers and students about its experience and knowledge gained by participation.

CROWDER COLLEGE

601 Laclede Avenue
Neosho, MO 64850
Contact: Mr. Art Boyt
Phone: (417) 455-5422
Fax: (417) 455-5423
E-mail: aboyt@crowder.edu
Web: www.crowder.edu/solar/

Description: Crowder College, located in Neosho, finished sixth overall in the 2002 Solar Decathlon competition. The Crowder College team was top ranked in engineering and special awards, including the “People’s Choice” award. The team also developed a 2002 Solar Decathlon presentation to educate teachers and students about the experience and knowledge gained by participation.

Solar "Raycing" Events

AMERICAN SOLAR CHALLENGE

12 Cedars

Freeman, MO 64746

Phone: (816) 899-5511

Toll Free: 1-800-606-8881

Fax: (816) 250-5430

E-mail: teams@americansolarchallenge.org

Web: www.americansolarchallenge.org

Description: American Solar Challenge is an international biennial road "rayce". Teams compete with vehicles that are powered entirely by solar power. The objectives of the event are to stimulate interest in science and technology and to raise awareness of renewable and sustainable energy sources. In 2005 the Rayce will start in Texas and end in Canada.

FORMULA SUN GRAND PRIX

PO Box 30

Freeman, MO 64746

Phone: (816) 899-5511

Toll Free: 1-877-244-7727

Fax: (816) 250-5430

E-mail: deberle@formulasun.org

Web: www.formulasun.org

Description: Formula Sun Grand Prix is an annual, international closed-course "rayce". Teams compete with vehicles that are powered entirely by solar power. The objectives of the event are to stimulate interest in science and technology and to raise awareness of renewable and sustainable energy sources.

SOLAR BIKERAYCE USA

PO Box 30

Freeman, MO 64746

Phone: (816) 899.5511

Toll Free: 1-800-458-2898

Fax: (816) 250-5430

E-mail: teams@solarbike.org

Web: www.solarbike.org

Description: Solar BikeRayce USA is an annual, international closed-course "rayce" held in Topeka, Kansas. Teams compete with vehicles that are powered either partially or entirely by solar power. These pedaled and non-pedaled, solar-assisted vehicles are referred to as "Solar Bikes". The objectives of the event are to stimulate interest in science and technology and to raise awareness of renewable and sustainable energy sources.

ENERGY EFFICIENT and PASSIVE SOLAR HOME DESIGN

HATHMORE HOMES AND TECHNOLOGY

PO Box 1157

Blue Springs, MO 64103

Phone: (816) 224-5550

Fax: (816) 503-7104

Contact: Ken Riead

E-mail: kenr@hathmore.com

Web: www.hathmore.com and www.replete.com

Description: Consultant, designer and builder of energy efficient homes.

NEW RESOURCES GROUP / EBERLE CONSTRUCTION

12 Cedars

Freeman, MO 64746

Phone: (816) 899-5511

Fax: (816) 250-5430

E-mail: deberle@formulasun.org

Contact: Dan Eberle

Description: Specializing in assisting those interested in being involved in the process of designing, building, and living with their structure. We provide services for building/power design, construction management, including permitting and inspection processes.

OAKLEY CONSTRUCTION

HCR 80 Box 67-2

Caulfield, MO 65626

Phone: (417) 284-7169

E-mail: Bill Oakley

ROBYN MAGNER BUILDER, INC.

RR. 1

Hartsburg, MO 65039

Phone/Fax: (573) 657-9211

E-mail: robynbuild@aol.com

Contact: Robyn Magner

Description: Designer / builder of passive solar homes, earth contact homes and sun spaces.
25 + years of experience

TICHENOR CONSTRUCTION

PO Box 32

Turney, MO 64493

Phone: (816) 664-3913

Message: (816) 797-1706

Web: www.strawbuilt.com

Contact: Jerry Tichenor

Description: Strawbale homebuilder that incorporates whole home energy efficient design that includes appliance selection as well as photovoltaics and wind energy options.

WESTON E.I.D., INC.

704 Pine View Court
Lake St. Louis, MO 63367

Phone: (636) 561-9343

Fax: (636) 561-2213

E-mail: WestonEID@Prodigy.net

Web: www.WestonEID.com

Contact: Craig Weston

Description: Weston E.I.D., Inc. provides architectural design for passive solar and energy efficient homes and commercial structures.

PHOTOVOLTAICS**ADVANCED ENERGY SOLUTIONS, INC.**

Aur Beck
192 Gates Road
Pomona, IL 62975-2506

Phone: (618) 893-1717

Tollfree: 1-800-229-0453

E-mail: info@advancedenergyonline.com

Web: www.advancedenergyonline.com/

Description: Sell, install, and educate about renewables and energy efficiency.

BZ PRODUCTS INC.

7614 Marion Ct
Saint Louis, MO 63143

Phone: (314) 644-2490

E-mail: bzp@brick.net

Contact: Frank Lewon

Description: Manufacturer of PV charge controls.

ECHOLS CONSTRUCTION

4050 CR 3190
Mountain View, MO 65548

Phone: (417) 934-6746

Sunshine Market: (417) 934-6956

Contact: William R. Echols

E-mail: echols@socket.net

Description: Solar thermal with leasing option and PV dealer.

ENDLESS ENERGY SYSTEMS

2147 185th Street
Fairfield, IA 52556

Phone: (515) 382-3242

Description: Provides installation and retail sales of solar electric systems and balance of system components.

HEARTLAND RENEWABLE ENERGY SOCIETY

499 Old Ten Mile Road
Eugene, MO 65032

Phone: (573) 498-9944

E-mail: d.pratt@tranquility.net

MISSOURI RENEWABLE ENERGY

New Life Evangelistic Center
Mid America Renewable Energy Center
New Bloomfield, MO
Phone: 1-800-228-5284
Web: www.moreenergy.org

MISSOURI VALLEY RENEWABLE ENERGY

2378 Berkemeyer Road
Hermann, Missouri 65041
Phone: (573) 486-5709
E-mail: henry@movre.com
Web: <http://movre.com/>
Contact: Henry Rentz
Description: Sales, service, and installation. Photovoltaics, solar hot water and space heating, stand-by generators, UPS systems, solar design and construction, solar water pump systems.
Member: US Green Building Council.

OZARK ENERGY SERVICES

106 Hillview
Joplin, MO 64804
Phone: (417) 623-6296
Fax: (417) 626-0107
E-mail: ozsolar@ipa.net
Contact: Travis Creswell
Description: Installing dealer of PV, wind, solar hot water, and radiant in-floor heating.

POWER SOURCE SOLAR

3718 E. Ponderosa Lane
Springfield, MO 65803
Phone: (417) 833-4274
E-mail: powersourcesolar@aol.com
Contact: Nathan Jones
Description: Sales, service, design, installation, manufacturer, consulting, design, and full service dealer

PREFERRED ENERGY OF THE OZARKS

3898 State Hwy OO
Marshfield, MO 65706
Contact: Greg McVay
Phone: (417) 859-4842
Fax: (417) 859-7528
E-mail: greg@sqsnet.com
Contact: Craig Wiles
Phone: (417) 818-6057
E-mail: cwiles@llion.org

Web: www.preferredenergy.com
Description: PV installation/dealer

SOLAR 1 ST LOUIS SOLAR

9905 Vassel Drive

St. Louis, MO 63123

Phone: Voice Fax (314) 631-1094

E-mail: Bill_Loesch@compuserve.com

Web: www.solar1online.com

Contact: Bill Loesch

Description: Full service installing dealer and rework facility specializing in sinewave power and solar thermal. Design, installation, service, repair and education of solar electric, solar hot water, solar hot air, tankless water heaters, gas space heaters and skylights.

SOLAR DESIGNER

1145 Baker Hill Road

Cobden IL 62920

Phone: (618) 893-1771

E-mail: dennis@solar designer.com

Web: www.solar designer.com

Contact: Dennis Connolly

Description: Design, installation and retail sales of photovoltaic panels, trace inverters, solar hot water panels, and balance of system components.

SOLAR ELECTRIC SYSTEMS OF KANSAS CITY

Bill Roush

13700 West 108th Street

Lenexa, Kansas 66215

Phone: (913) 338-1939

Tollfree: 1-800-632-9751

Fax: (913) 469-5522

E-mail: solarbeacon@email.msn.com

Web: www.solar guide.com/Home.htm

Description: Established in 1979, the company provides design, installation, and components for reliable photovoltaic and wind power systems. Applications include grid-tied systems, outbuilding power, sign lighting, traffic counters, water pumping, gate openers, flashing warning signals, and many other applications.

SUNWORKS / ENERGY ALTERNATIVES

Columbia, Missouri

Phone: (573) 449-4112

Contact: Vince Gallo

Batteries for Stand-alone Photovoltaic Systems**BATTERY OUTFITTERS**

1405 Illinois

Columbia, MO 65202

Phone: (573) 442-5230

Fax: (513) 442-5253

BATTERY OUTFITTERS

Highway 86 & J
Golden, Missouri 65658
Phone: (417) 271-3801
Fax: (417) 271-3804
E-mail: lshumaker@mo-net.com

BATTERY OUTFITTERS

3431 East 7th
Joplin, MO 64801
Phone: 1-800-497-0513

BATTERY WAREHOUSE OF ST. LOUIS, INC.

2671 Washington
St. Louis, MO 63103
Phone: (314) 652-1444
Fax: (314) 652-6441
Description: Battery supplier of all battery types and recycling of lead-acid batteries.

ELECTROLIFE BATTERY CO.

3701 E. 18th St.
Kansas City, MO 64127
Phone: (816) 231-2819

EAGLE-PICHER INDUSTRIES

PO Box 130
Seneca, MO 64856
Phone: (417) 776-2256
Description: Batteries

ELECTRO BATTERY MANUFACTURING COMPANY

12201 Dorsett Road
Maryland Heights, MO 63043
Phone: (314) 739-6700
Tollfree: 1-800-727-5122
Fax: (314) 739-7111
Contact: Rich Shasserre
Description: Manufacturer lead acid batteries.

SOLAR THERMAL**ENVIRONMENTAL TEMPERATURE CONTROLS**

4310 East 75th Terrace
Kansas City, MO 64132
Phone: (816) 333-3341
Fax: (816) 333-0825
Contact: Craig Hickson
Description: Mechanical contractor that sells, and repairs solar hot water systems.

ECHOLS CONSTRUCTION

4050 CR 3190

Mountain View, MO 65548

Phone: (417) 934-6746

Sunshine Market: (417) 934-6956

Contact: William R. Echols

E-mail: echols@socket.net

Description: Solar Thermal with leasing option and PV dealer.

OZARK ENERGY SERVICES

106 Hillview

Joplin, MO 64804

Phone: (417) 623-6296

Fax: (417) 626-0107

E-mail: ozsolar@ipa.net

Contact: Travis Creswell

Description: Installing Dealer of PV, Wind, SHW, and radiant in-floor heating

OTHERS**APERION ENERGY SYSTEMS LLC**

398 Dix Road, Suite 102

Jefferson City, Missouri 65109

Phone: (573) 636-2825

Fax: (573) 893-5342

E-mail: info@aperionenergy.com

Web: www.aperionenergy.com

Description: Aperion integrates its proprietary high-efficiency power electronics, system controls, and fuel options with various stack technologies to supply completely optimized fuel cell systems.

BILLINGS ENERGY CORPORATION

26900 East Pink Hill Road

Independence, MO 64057

Phone: (816) 229-0017

E-mail: billings@billingsenergy.com

Web: www.billingsenergy.com

Contact: Roger Billings

Description: Research, development, and commercialization of fuel cells and other hydrogen energy technologies.

HYDRO REVIEW

410 Archibald Street

Kansas City, MO 64111

Phone: (816) 931-1311

E-mail: info@hcipub.com

Web: www.hcipub.com

Description: "The Magazine of the North American Hydroelectric Industry." Features articles on large-scale hydroelectric subjects.

SPOTLIGHT MARKETING INC

4609 Seagraves

Joplin, MO 64801

E-mail: petepirotte@hotmail.com

Contact: Pete Pirotte

Description: Sells a 16-page plan booklet for "Pete's Solar Slow Cooker", cost is \$3.00, which includes postage.

For More Information Contact

Missouri Department of Natural Resources

Energy Center

P.O. Box 176

Jefferson City, MO 65102

1-800-361-4827 or (573) 751-3443

E-mail: energy@dnr.state.mo.us

Web site: www.dnr.mo.gov/energy/homeec.htm